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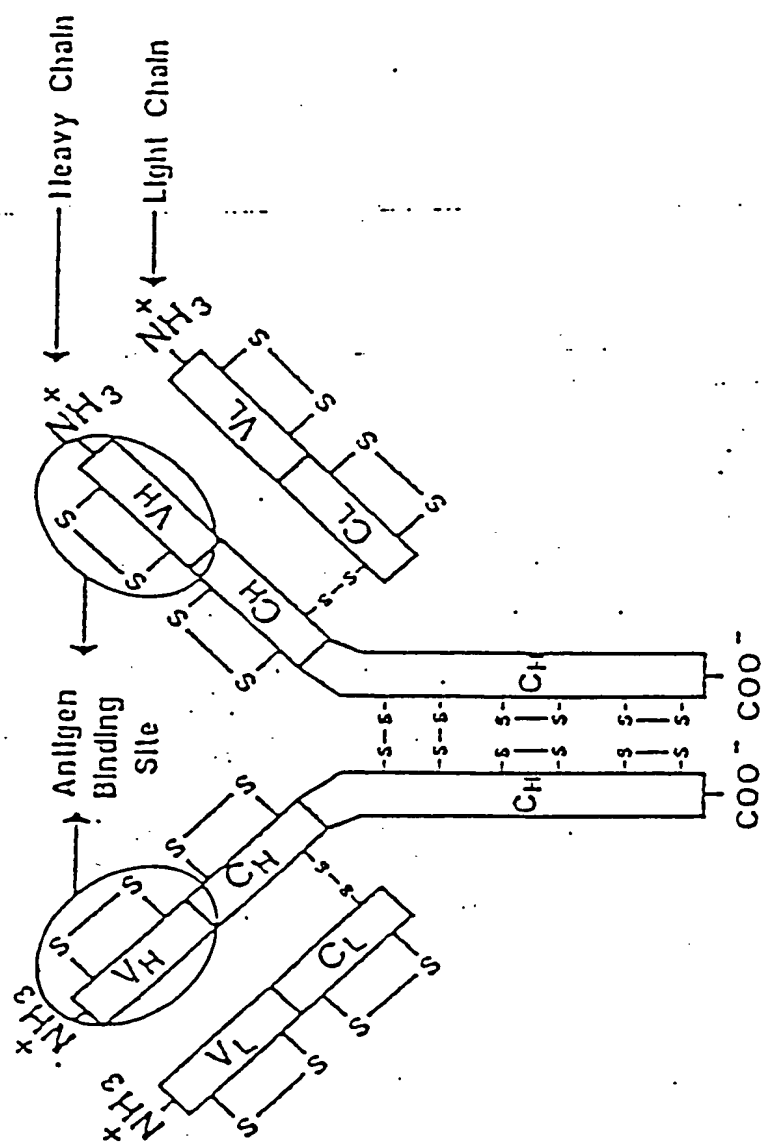
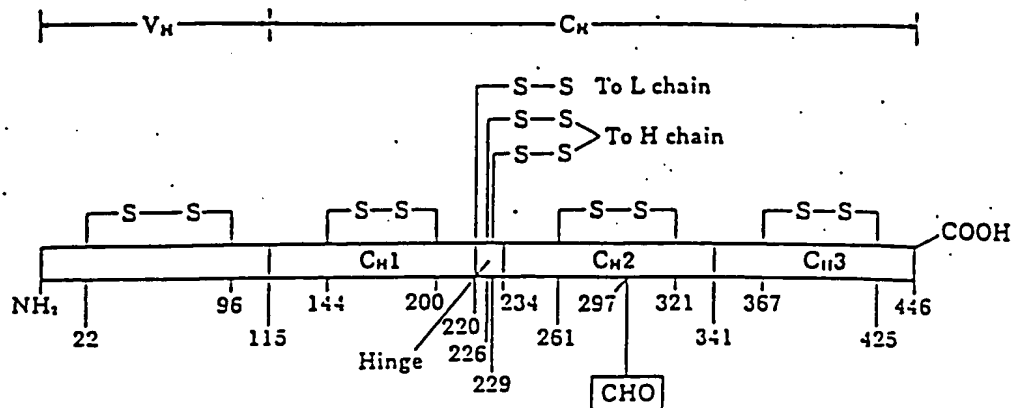


FIGURE 1

A



B

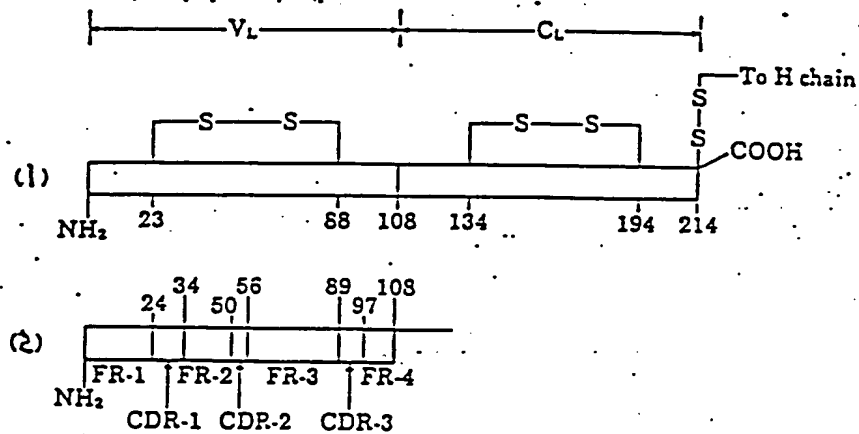


FIGURE 2

[illegible]

FIGURE 3

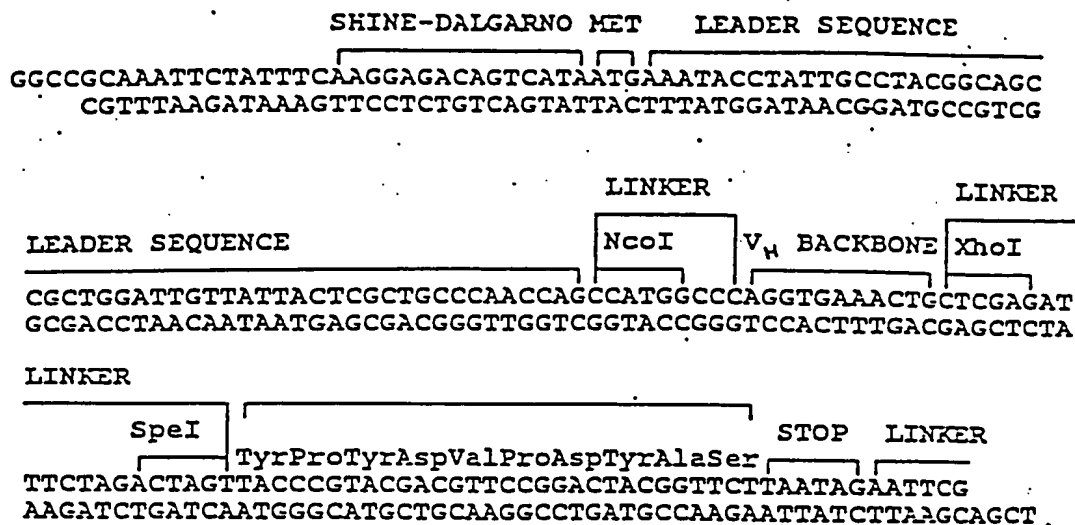
360 bp
575 bp

R29
R27
R26
R25
R24
R23
R22
R21
R20
R19
R18
R17

FIGURE 4

A

V_H EXPRESSION VECTOR:



B

V_L EXPRESSION VECTOR:

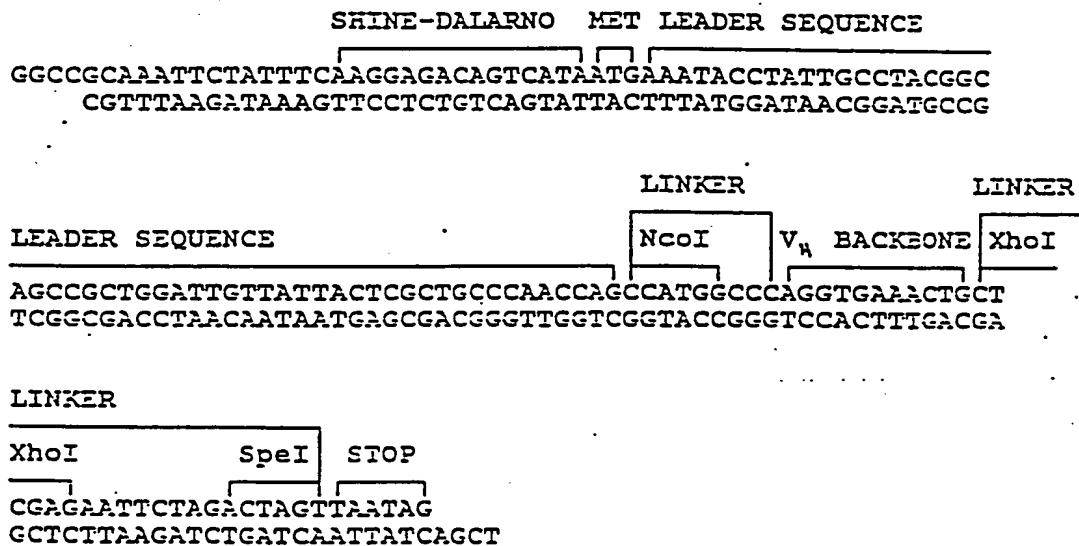


FIGURE 6

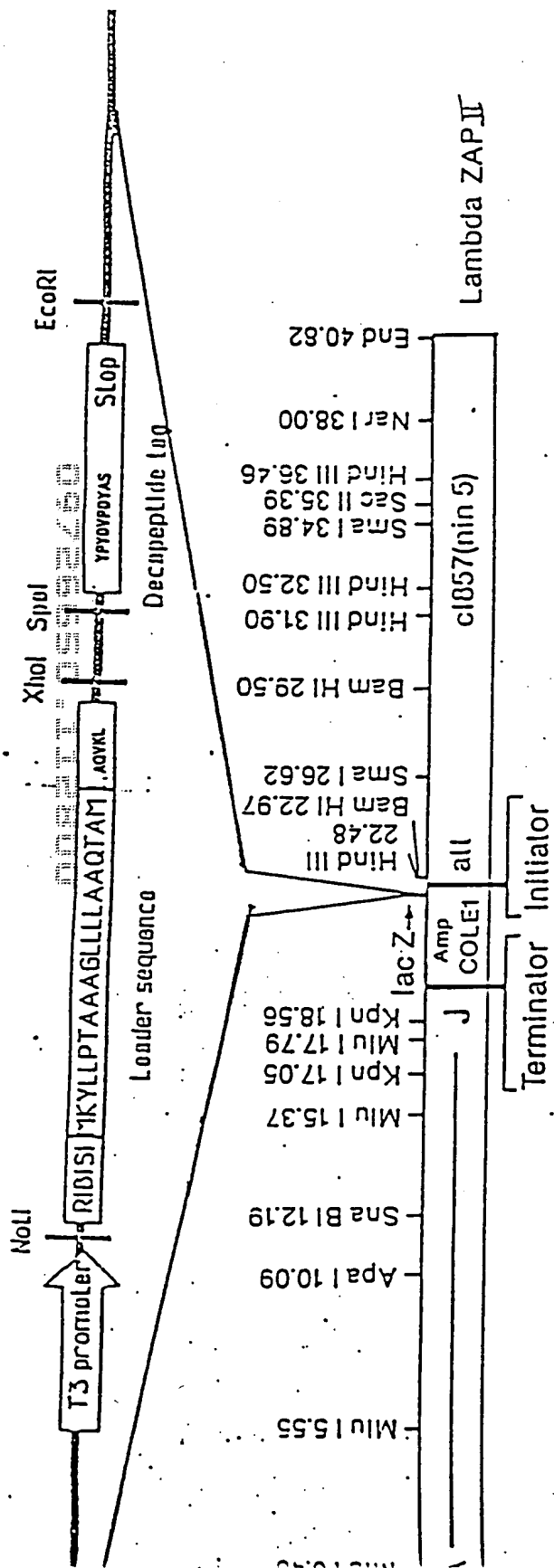


FIGURE 7

heavy chain Vector

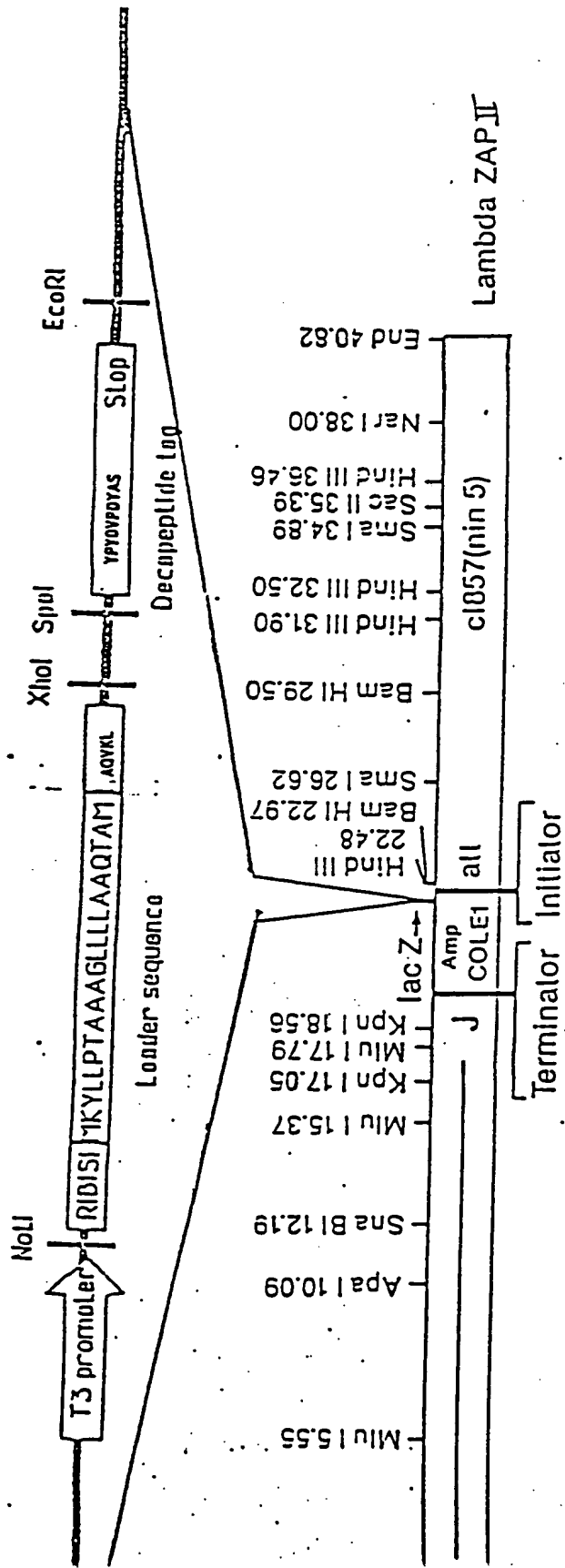


FIGURE 7

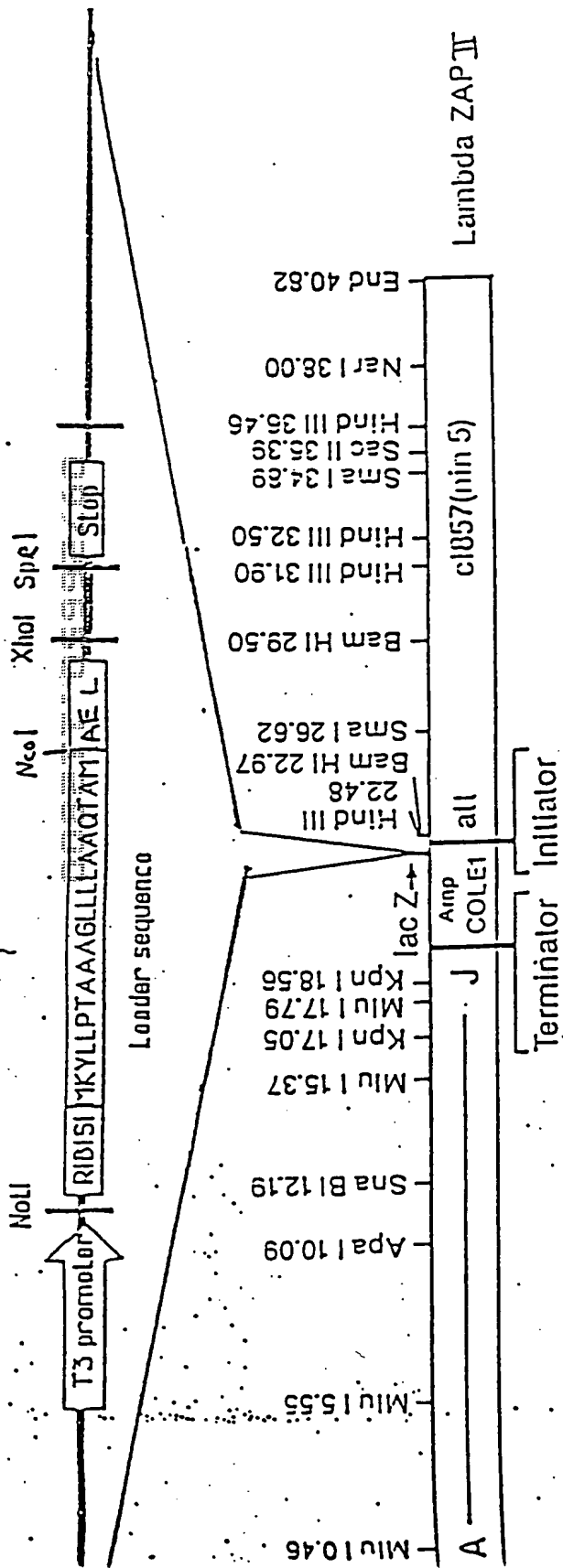


FIGURE 8

Light Chain Vector

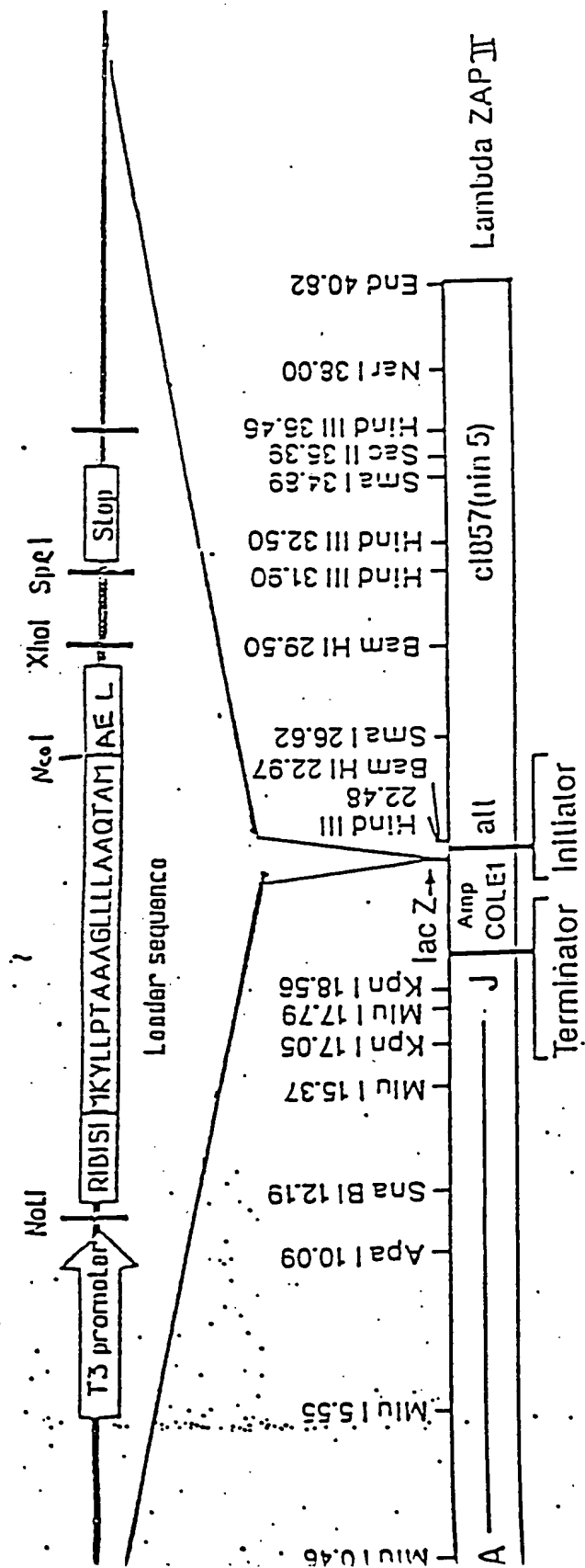


FIGURE 8

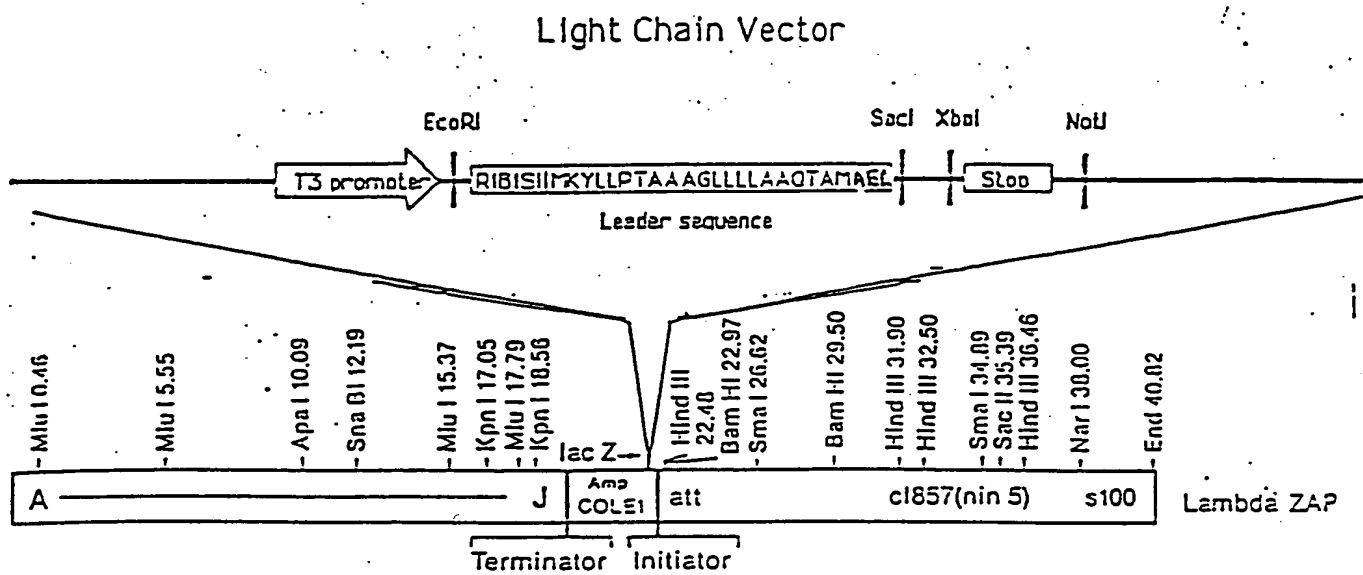


FIGURE 9

EcoR I SHINE-DALGARNO MET LEADER SEQUENCE
 TGAATTCTAAACTAGTCGCCAAGGAGACAGTCATAATGAAATACCTATTGCCTACGGCA
 TCGAACTTAAGATTGATCAGCGGTTCTCTGTCAGTATTACTTTATGGATAACGGATGCCGT

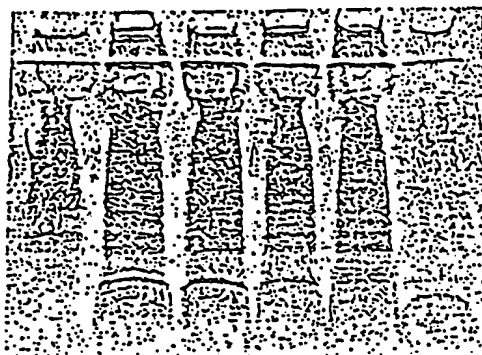
LEADER SEQUENCE Nco I Sac I Xba I
 GCCGCTGGATTGTTATTACTCGCTGCCCAACCAGCCATGGCCGAGCTCGTCAGTTCTAGAGT
 CGGCGACCTAACAATAATGAGCGACGGGTGGTCGGTACCGGCTCGAGCAGTCAAGATCTCA

Not I
 TAAGCGGCCG
 ATTCGCCGGCAGCT

FIGURE 10



1 2 3 4 5 6



V_H
 V_L

FIGURE 12

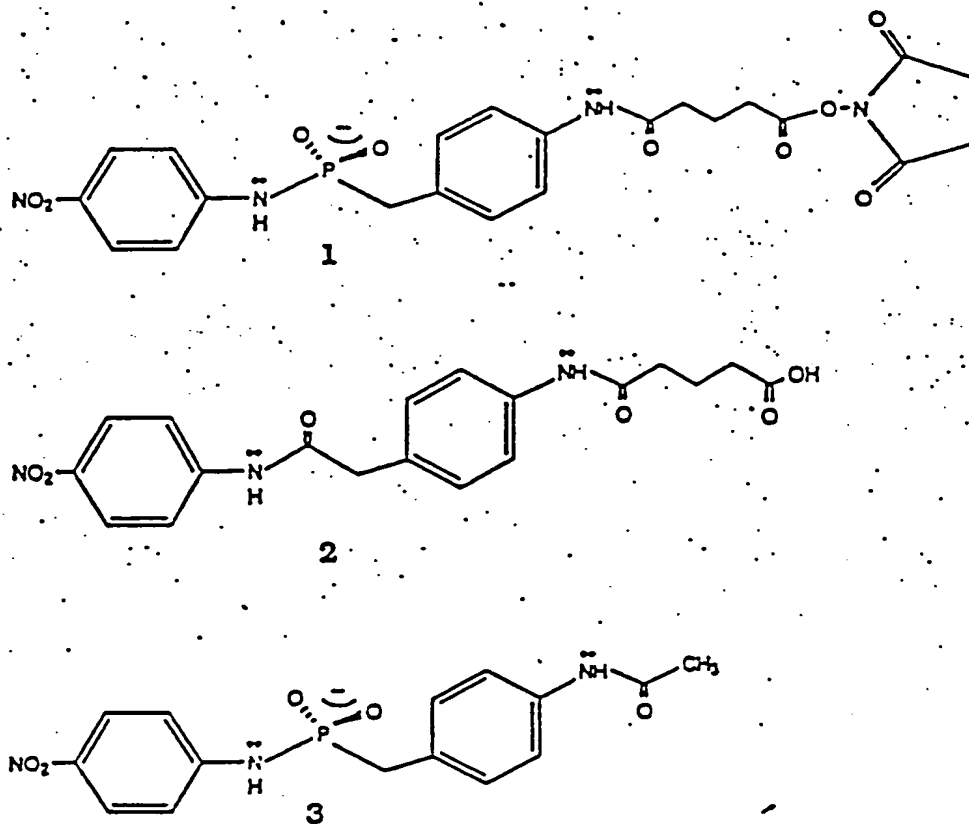


FIGURE 13

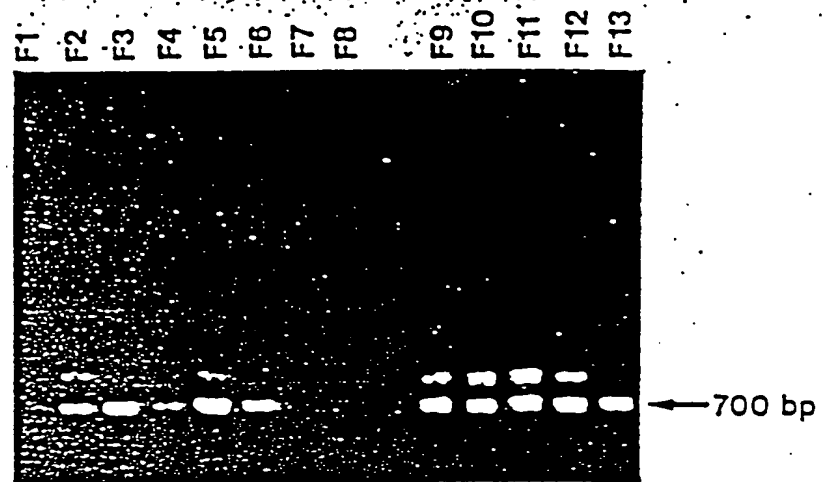


FIGURE 14

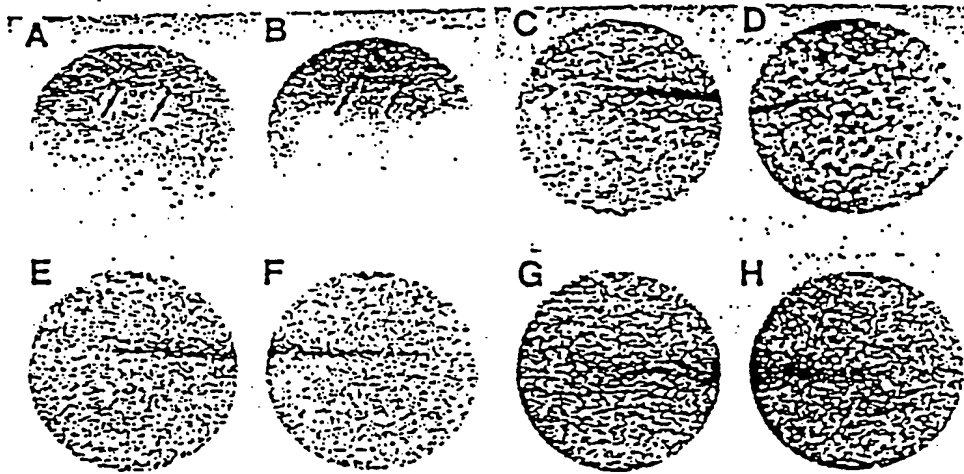
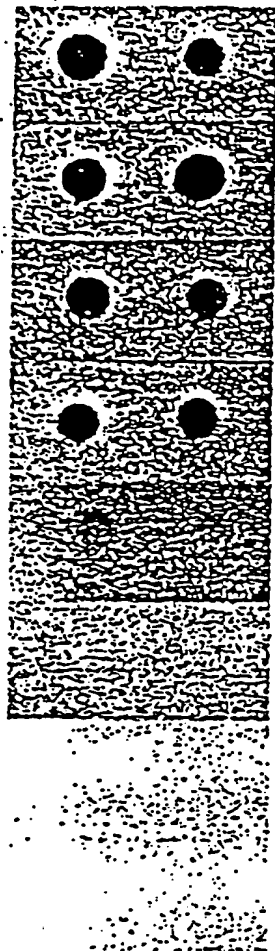


FIGURE 15

[Inhibitor]



0

6.7×10^{-12}

6.7×10^{-10}

6.7×10^{-9}

6.7×10^{-8}

6.7×10^{-7}

6.7×10^{-6}

6.7×10^{-5}

FIGURE 16

Detailed description of Figure 1: The graph plots absorbance at 405 nm against elution time in minutes. Two data series are shown: a solid line with circular markers representing poly(2-vinylpyridine) and a dashed line with circular markers representing the block copolymer. Both series show a sharp increase in absorbance starting around 28 minutes, peaking at approximately 31 minutes, and then decreasing. The poly(2-vinylpyridine) peak is significantly higher than the block copolymer peak. The baseline absorbance is low and stable from 0 to 25 minutes.

Elution time (min)	Absorbance (405 nm) - Poly(2-vinylpyridine)	Absorbance (405 nm) - Block Copolymer
0	0.05	0.05
5	0.05	0.05
10	0.05	0.05
15	0.05	0.05
20	0.05	0.05
25	0.05	0.05
28	0.10	0.05
29	0.40	0.05
30	0.80	0.05
31	2.50	0.85
32	1.80	0.40
33	0.80	0.10
34	0.20	0.05
35	0.05	0.05

FIGURE 17